

pieces and female tenon-snap pieces, wherein when taking the longitudinal center line **L** of the glass panel mounting frame as the basis, each protruding male/female tenon-snap piece arranged on left side vertical portion of the ring-like rib plate are positioned symmetrically to the protruding female/male tenon-snap piece arranged on right side vertical portion of the ring-like rib plate on right side with respect to the said longitudinal center line, and when taking the horizontal center line **H** of the glass panel mounting frame as the basis all the protruding male tenon-snap piece and/or the protruding female tenon-snap piece on the vertical portion of the ring-like rib plate are shifted an offset distance **A** with respect to the said horizontal center line **H**.

2. The tenon-snap joint structure as defined in claim 1, wherein the said protruding male tenon-snap piece has a pair of male snap ribs on which upper end is extended outwardly a protruded snap catch, and the said protruding female tenon-snap piece has a pair of female snap ribs which form a snap slot with the ring-like rib plate, and within the said snap slot each female snap ribs are respectively provided with a recess.
3. The tenon-snap joint structure as defined in claim 2, wherein two identical glass panel mounting frames are jointed as a complete unit by having each protruding male/female tenon-snap piece of one of the two glass panel mounting frames snapped into the respective protruding female/male tenon-snap piece of another glass panel mounting frame.
4. The tenon-snap joint structure as defined in claim 2, wherein one of two identical glass panel mounting frames is rotated an angle of 180 degrees, and turned over to have it stacked on another glass panel mounting frame, the respective top surface of ring-like rib plates of the two identical glass panel mounting frames are closely touched each other.

ABSTRACT OF THE DISCLOURE

The invention is a tenon-snap joint structure for glass panel mounting frames designed for mounting glass on door leaf, which tenon-snap structure of the glass panel

mounting frames is formed by plural number of male and female tenon-snap piece located on the reverse side of the glass panel mounting frame, and when two identical glass panel mounting frames are packed for transport, one glass panel mounting frame shall be positioned by rotating an angle of 180 degrees with respect to the other glass panel mounting frame, and then turned over to have it stacked on the other glass panel mounting frame to have the packing volume substantially reduced for transport.